

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("3614431" or ("5475222") or ("6410918") or ("6469303") or ("20020153490")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/07 13:15
S2	2	("4619269" or ("4572208")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/07 13:19
S3	30	("3793525"   "3811776"   "4578762"   "4622464"   "4694173"   "5026992"   "5136332"   "5163332"   "5341214"   "5444249"   "5464983"   "5650624"   "5721430"   "5834777"   "6121617").PN. OR ("6469303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 13:47
S4	24	("2468740"   "3417392"   "3555532"   "3796887"   "3861809"   "4124298"   "4445359"   "4549080"   "4560873"   "4709150"   "4889992"   "5026992"   "5163332"   "5340986"   "5341214").PN. OR ("5475222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 14:20
S5	6	("20020063216"   "5163332"   "5502308"   "5973326"   "6469303"   "6642522").PN. OR ("6989549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 14:24
S6	53	("3032655"   "3662171"   "3793525"   "3811776"   "4456919"   "4500207"   "4520265"   "4527896"   "4578762"   "4694173"   "4709150"   "4722612"   "4765752"   "4772790"   "4790324"   "4980847"   "5026992"   "5041723"   "5060508"   "5095913"   "5100479"   "5163332"   "5165796"   "5186541"   "5222389"   "5326173"   "5340986"   "5444249").PN. OR ("5721430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 14:27
S7	0	ndir and (rubber same bung)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 08:58

## EAST Search History

S8	1	ndir and bung	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 08:58
S9	1	ndir and (rubber same detector)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:00
S10	1	("6354477").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 10:05
S11	376	ndir and gas and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:05
S12	37	S11 and (outer same (tubing or housing or tube or house))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:36
S13	1	S11 and (flame same arrest\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:36
S14	95	S11 and (flame or ignit\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:53
S15	862	(flame with arrestor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:53
S16	147	S15 and (gas with sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:53
S17	30	("4288790"   "4738266"   "4928687").PN. OR ("5053754").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 14:39
S18	2	(("6395585") or ("6351982")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 14:40
S19	9	("4263588"   "4317868"   "4352099"   "5215835"   "5331310"   "5481904"   "5495747"   "5709187").PN. OR ("6351982").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 14:54
S20	7	("4352099"   "5055270"   "5495747"   "5596314"   "5830337"   "6351982"   "6613206").PN. OR ("6882523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 15:30

## EAST Search History

S21	16	("3607084"   "4063898"   "4184934"   "4305724"   "4477403"   "4703646"   "4818977"   "4869094"   "5055269").PN. OR ("5495747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 15:36
S22	12	("3884201"   "3889649"   "4512296"   "5072704"   "5203296"   "5357913").PN. OR ("5709187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 15:49
S23	1	10/580671	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 16:47
S24	1	("20010023087").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 18:12
S25	197	explosion same proof same gas same sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 18:13
S26	38	S25 and infrared	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 18:13
S27	664	(gas same sensor) and ((flame with arrestor) or (sintered with filter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 08:02
S28	134	S27 and infrared	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:41
S29	2	"3788751"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:41
S30	8	(("3788751") or ("3860818") or ("4177381") or ("4709150") or ("4618875") or ("5281816") or ("6155160") or ("6469303")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 07:44
S31	4	(("4749276") or ("5125742") or ("5163332") or ("5222389")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 07:45
S32	11	("3560738"   "3788751"   "3860818"   "4177381"   "4709150"   "4818875"   "5222389"   "5281816"   "5753797"   "6155160"   "6469303").PN. OR ("7285782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:51
S33	12	ndir and sensor and (transparent same coat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:52

## EAST Search History

S34	355	(gas same sensor) and ("95" same coating)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 08:03
S35	40	(gas same sensor) and (( "95 %" or ("95" adj "%") or ("95" with percent)) same coating)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 08:03
S36	56	(gas same sensor) and (( "90 %" or ("90" adj "%") or ("90" with percent)) same coating)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 08:04
S37	1	10/580671	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:34
S38	486	capnograph\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:35
S39	0	S38 and ((sinter\$3 with filter) or (flame with arrestor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:35
S40	58	S38 and coating	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:35
S41	0	S38 and paralene	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:36
S42	4	S38 and parylene	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:37
S43	1	("7104113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:37
S44	1	("20060060788").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:42
S45	4	(( "6870086") or ("5746930") or ("5792377") or ("4147562")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:45
S46	1	("5567941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:46
S47	0	("70545784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:47
S48	1	("7045784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:47

## EAST Search History

S49	2	("20020033453"   "4788428").PN. OR ("7045784").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 10:50
S50	0	("2002102232").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:51
S51	1	("6469303").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:52
S52	1	("5886249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:55
S53	2	("0646807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:56
S54	1	("6468407").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:57
S55	1	("20060000219").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 10:59
S56	29	gas same cell same parylene	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 11:04
S57	1232	infrared and gas and sensor and (protective same coating) and transparent	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 11:04
S58	293	infrared and gas and sensor and (transparent same protective same coating)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 11:05
S59	93	S58 and cavity and wall	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 11:05